



ATTORNEY DOCKET NO. 21105.0005U2  
PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Waggener, Robert G. )  
Wieckowska, Elizabeth )  
Application No. 10/719,783 )  
Filing Date: November 20, 2003 )  
For: THREE COMPONENT X-RAY BONE )  
DENSITOMETRY )  
Art Unit: 2882  
Examiner: Kao, Chih Cheng G.  
Confirmation No. 3092

INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO 1449 is a listing of documents known to Applicants and/or their attorneys. A copy of each of these documents is enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.



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No fee is believed due; however, the Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

Gregory J. Kirsch  
Registration No. 35,572

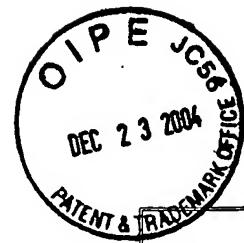
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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Gregory J. Kirsch

Date



## Information Disclosure Statement List

(Use as many sheets as necessary)

| Complete if Known    |                    |
|----------------------|--------------------|
| Application Number   | 10/719,783         |
| Filing Date          | November 20, 2003  |
| First Named Inventor | Waggener et al.    |
| Group Art Unit       | 2882               |
| Examiner Name        | Kao, Chih Cheng G. |

**U.S. PATENT DOCUMENTS**

| Examiner's Initials | Cite No. | Document No. | Date | Name | Class | Subclass | Filing Date (if appropriate) |
|---------------------|----------|--------------|------|------|-------|----------|------------------------------|
|                     |          |              |      |      |       |          |                              |
|                     |          |              |      |      |       |          |                              |
|                     |          |              |      |      |       |          |                              |
|                     |          |              |      |      |       |          |                              |

**FOREIGN PATENT DOCUMENTS**

| Examiner's Initials | Cite No. | Foreign Patent Document Country Code-Number-Kind Code | Date | Name | Translation Yes/No |
|---------------------|----------|---|------|------|--------------------|
|                     |          |   |      |      |                    |
|                     |          |   |      |      |                    |
|                     |          |   |      |      |                    |
|                     |          |   |      |      |                    |

**NON-PATENT DOCUMENTS**

| Examiner's Initials | Cite No. | Non-Patent Citations (Include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)   |
|---------------------|----------|--|
|                     | A1       | Blake GM et al., Dual energy x-ray absorptiometry: The effects of beam hardening on bone density measurements. <i>Med. Phys.</i> 19(2): 459-465 (1992)   |
|                     | A2       | Cheng S, et al., Bone density of calcaneus and fractures in 75 and 80 year old men and women. <i>Osteoporosis Int.</i> 4:48-54, 1994.  |
|                     | A3       | Consensus Development Conference. Diagnosis, prophylaxis, and treatment of osteoporosis. <i>Am J Med</i> 94: 646-50 (1993)   |
|                     | A4       | Farrell TJ, et al., Triple photon absorptiometry cannot correct for fat inhomogeneities in lumbar spine bone mineral measurements. <i>Clin. Phys. Physiol. Meas.</i> 11(1): 77-84 (1990)       |
|                     | A5       | Farrell, et al. "The error due to fat inhomogeneity in lumbar spine bone mineral measurements." <i>Clin. Phys. Physiol. Meas.</i> 10:57-64 (1989)  |
|                     | A6       | Genant, et al., "Noninvasive assessment of bone mineral and structure: state of the art." <i>J Bone Miner Res.</i> 11:707-730 (1996)   |
|                     | A7       | Gosfield E, et al., Evaluating bone mineral density in osteoporosis. <i>Am J of Phys Med and Rehab.</i> 79(3): 283-291 (2000)  |
|                     | A8       | Greenfield MA., Current status of physical measurements of the skeleton. <i>Med. Phys.</i> 19(6): 1349-1357 (1992)   |
|                     | A9       | Jonson R., et al., Triple-photon energy absorptiometry in the measurement of bone mineral. <i>Acta Radiol.</i> 29:461-464 (1988)   |
|                     | A10      | Kalender W.A., A phantom for standardization and quality control in spinal bone mineral measurements by QCT and DXA: Design considerations and specifications". <i>Med. Phys.</i> 19(3) (1992) |
|                     | A11      | Kotzki, et al., "Theoretical and experimental limits of triple photon energy absorptiometry in the measurement of bone mineral." <i>Phys. Med. Biol.</i> 36(4):429-437 (1991)                  |
|                     | A12      | Larnach TA, et al., Reproducibility of lateral spine scans using dual energy x-ray absorptiometry. <i>Calcif Tissue Int.</i> 67:255-8 (1992)   |

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|--|------------------|
| Examiner Signature:  | Date Considered: |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                  |



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APPLICATION NO. 10/719,783  
SHEET 2 OF 2**

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